* SWBAT define pressure, terminal velocity, and friction

Sep 6-2:31 PM

SECA Physics
Monday 27 October 2014

Welcome!!!

H. Leslie Grebe

* Pick up:
  - slip of paper (for later)
  - worksheet

Centering...

Opening Question:

If you are on thin ice and worried about breaking through, should you walk on your tip toes, walk normal, or flatten yourself out on the ice and crawl?

Why did you pick that?

SPREAD OUT
WEIGHT
LESS PRESSURE

Sep 7-7:04 AM

Reading Jigsaw!

Pick a card, any card... (or start on triple the work alone...)

First read a section and take notes on your own:

BY COMPUTERS

Hearts:
- Read 6.4 on pg 90-91 (including "Link to Technology")
- Complete the worksheet on FRICTION

BY DOOR

Diamonds:
- Read 6.5 on pg 91-92
- Complete the worksheet on PRESSURE

BY WINDOW

Clubs:
- Read pg 96-97 (including "Link to Life Science")
- Complete the worksheet on TERMINAL SPEED

Now get in groups with people who read the SAME thing as you...

Sep 20-1:38 PM

Now share what you learned:

- Meet with people who had the same number as you
- Share with your group what you learned
  - First Hearts - Friction
  - Next Diamonds - Pressure
  - Then Clubs - Terminal Speed

* Take **notes** on the stuff you didn't read about

SIX BY COMPUTER

ACES BY DOOR

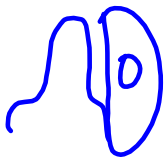
JACKS WINDOW

Sep 21-2:13 PM

What did we find out?

Friction

FORCE FROM CONTACT GOES AGAINST MOVING



CAR SHAPES

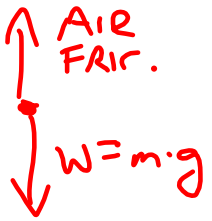
Pressure

$= \frac{\text{FORCE}}{\text{AREA}}$

BED OF NAILS

Terminal Speed

FALLING OBJECTS STOP ACCELERATING



FLYING SQUIRREL

Sep 24-6:45 AM

Daily 3 Questions

CP - No Homework

* Every day except test/project days
* 3 Questions on the topics of the day
* Main source of daily points
* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. An object **stops accelerating** because the force of gravity is balanced with the force of air pressure:

A. Friction
B. Pressure
C. Terminal Speed

2. Defined as the amount of force **per** unit of **area** that the force is applied:

A. Friction
B. Pressure
C. Terminal Speed

3. A force from two materials being in **contact** with each other:

A. Friction
B. Pressure
C. Terminal Speed

Sep 14-7:28 AM